

Appl No.: 10/738,540

Atty. Dkt. UCR-381  
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Amendment to the Claims:

This listing of the claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

Claim 1 (Currently amended). An antifogging device for use in a body safety suit having a head suit portion that covers a head of a worker, and a body suit portion which encompasses a full body of a worker below the head, and includes a face mask for attaching to a face portion of the worker, the head suit portion having a window portion in front of the facemask, the device comprising:

a closed air space formed directly between the face mask and the window portion of the body suit, the closed air space having a flexible sec-through plastic housing sealingly attached to both the face mask and to the window portion of the suit, the plastic housing comprising:

a first end having an elastic-stretchable member which sealingly wraps about a portion of the face mask so that the plastic housing is removably attached to the face mask; and

a second end that expands outward from the face mask and having an elastic-stretchable member which sealingly wraps about a portion of the interior surface of the body suit adjacent to the window portion so that the plastic housing is removably attached, wherein the closed air space eliminates condensation from forming on the face mask of the body suit.

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Claim 2 (Original). The antifogging device of claim 1, wherein the body suit is selected from one of:

a hazardous material suit and a bio hazard suit.

Claim 3 (Original). The antifogging device of claim 1, wherein the body suit includes: a firefighter suit.

Claim 4 (Original). The antifogging device of claim 1, wherein the body suit includes: a space suit.

Claim 5 (Original). The antifogging device of claim 1, wherein the body suit includes: a diving suit.

Claim 6 (Canceled).

Claim 7 (Currently amended). The device of claim 1 ~~claim 6~~, wherein the plastic housing includes: a substantially cone shape.

Claim 8 (Canceled).

Claim 9 (Canceled).

Claim 10 (Currently amended). The device of claim 1 ~~claim 9~~, wherein the first end includes a fastener selected from at least one of: hook and loop fasteners, snap fasteners,

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and a zipper, wherein the fastener sealingly attaches the plastic housing to the face mask, so that the plastic housing is removably attached to the face mask.

Claim 11 (Canceled).

Claim 12 (Canceled).

Claim 13 (Currently amended). The device of claim 1 ~~claim 9~~, wherein the second end includes a fastener selected from at least one of: hook and loop fasteners, snap fasteners, and a zipper, wherein the fastener sealingly attaches the plastic housing to an interior portion of the body suit adjacent to the window portion, so that the plastic housing is removably attached. attached.

Claim 14 (Currently amended). The device of claim 1, wherein the flexible see-through plastic housing ~~closed air space~~ includes:

a see-through plastic sheet with a substantially semi-circular configuration having a central portion with an opening forming the first end which sealingly attaches to the face mask, and upper perimeter edge portions which form the second end ~~sealingly attaches to an interior surface of the head suit portion above and below the head of the worker.~~

Claim 15 (Canceled).

Claim 16 (Original). The device of claim 14, wherein the central portion of the sheet includes:

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a fastener which sealingly attaches to a portion of the face mask so that the plastic sheet is removably attached to the face mask, the fastener is selected from at least one of: hook and loop fasteners, snap fasteners, and a zipper fastener.

Claim 17 (Original). The device of claim 14, wherein the upper perimeter edge portions include:

a fastener selected from at least one of:  
hook and loop fasteners, snap fasteners and a zipper fastener.

Claim 18 (Canceled).

Claim 19 (Original). The device of claim 1, wherein the closed air space includes:

a see-through plastic bag which is part of the head suit portion; and  
a neck portion fastener which sealingly attaches the bag to the body suit portion.

Claim 20 (Currently amended). The device of claim 19, wherein the neck portion fastener includes:

an a neck elastic-stretchable member which sealingly wraps about an upper portion of the body suit portion, so that the plastic sheet is removably attached to the face mask.

Claim 21 (Original). The device of claim 19, wherein the neck portion fastener includes:

a fastener selected from at least one of:  
hook and loop fasteners, snap fasteners and a zipper fastener.

Claim 22 (Original). The device of claim 19, further comprising:

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a moist air exhaust line for exhausting air from the face mask to outside the bag.

Claims 23-39 (Canceled)

Claim 40 (New). An antifogging device for use in a body safety suit having a head suit portion that covers a head of a worker, and a body suit portion which encompasses a full body of a worker below the head, and includes a face mask for attaching to a face portion of the worker, the head suit portion having a window portion in front of the facemask, the device comprising:

a closed air space having a flexible see-through plastic housing sealingly attached to both the face mask and to the window portion of the suit to form a closed air space directly between the face mask and the window portion of the body suit,

a first end having an elastic-stretchable member which sealingly wraps about a portion of the face mask so that the plastic housing is removably attached to the face mask, wherein the first end includes a fastener selected from at least one of: hook and loop fasteners, snap fasteners, and a zipper, wherein the fastener sealingly attaches the plastic housing to the face mask; and

a second end that expands outward from the face mask and having an elastic-stretchable member which sealingly wraps about a portion of the interior surface of the body suit adjacent to the window portion, wherein the second end includes a fastener selected from at least one of: hook and loop fasteners, snap fasteners, and a zipper, wherein the fastener sealingly attaches the plastic housing to an interior portion of the body suit adjacent to the window portion, so that the plastic housing is removably attached, wherein the closed air space eliminates condensation from forming on the face mask of the body suit;

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a see-through plastic bag which is part of the head suit portion;

a neck portion fastener which sealingly attaches the bag to the body suit portion;

and

a moist air exhaust line for exhausting air from the face mask to outside the bag.